



Stilgebauer Award 2010 – Application Form

Please provide the information below. This application form needs to accompany the Project Summary for the project to be considered for a Stilgebauer award. Individuals or teams may complete the required information for their own project(s) or for another teacher or group's project

Project Name: <i>Meteorologist of the Day</i>	
School Regional Area	<input type="checkbox"/> North Cook <input type="checkbox"/> South Cook <input checked="" type="checkbox"/> West 40
District Name	<i>La Grange Highlands</i>
District No.	<i>District 106</i>
Name(s)-Teams with up to 5 members will be accepted! Include all names.	Email Address(s)
* <i>Kim Fitzgerald</i>	* <i>kfitzgerald@district106.net</i>
*	*
*	*
*	*
*	*
School Name	<i>La Grange Highlands Elementary</i>
School Street Address	<i>5850 Laurel</i>
School City, State, Zip	<i>La Grange, IL 60525</i>
School Phone Number	<i>708-579-6886</i>
If you are providing information to nominate another teacher or group, please provide your information below (if different from those named above).	
Nominator's Name	<i>Mary Meske</i>
Nominator's Phone #	<i>708-579-6886</i>
Best Contact Time	<i>8 a.m.</i>
Nominator's Email	<i>mmeske@district106.net</i>

Please attach the Project Summary to this form and send to Learning Technology Center One Central at 2701 W. Washington Blvd., 2nd Floor, Bellwood, IL 60104

Larry Stilgebauer Technology Award 2010

1. **Title:** Meteorologist of the Day (MOD)
2. **Abstract:** Students in Mrs. Fitzgerald's class use the WeatherBug system of weather instruments to bring realtime weather data into their class each day. The Meteorologist of the Day (MOD) gathers information from WeatherBug and later that day presents a report to the class about the weather around them. Students work with rounding, decimals, graphs, calendars and also discuss a variety of other topics such as, thermometers, seasons, hurricanes, and of course lake effect snow.
3. **Grade Level:** 3rd grade
4. **Subject Areas:** Mathematics, Social Studies, Language Arts, Science
5. **Technology Resources:** Internet, Computer, WeatherBug from WGN, Excel
6. **Other materials used:** Along with computer generated graphs students create their own graphs using paper and pencil.
7. **Standards:** Learning Standards: Social Studies: 17.D.1, Language Arts: 4.A.1a,d, 4.B. Science: 12.E., Math: 6.A.2, 10., NETS Standards: 1.a, d, 3.d, 4.c, 6.a
8. **Process:** As students start their day in Mrs. Fitzgerald's class the first thing they look for is the assignment of the MOD. Students love to be in charge of the weather forecast for the day. The MOD goes to the computer and maneuvers directly to the WeatherBug site to find the forecast for the day along with the weather of one other city. The WeatherBug instruments are mounted on the building's roof and it provides exciting realtime photos and data. The MOD prepares the weather report and has it ready for later that day. When the class schedule allows for the weather report, Mrs. Fitzgerald plays her special weather music signaling the start of the weather forecast. The MOD comes front and center, gives the forecast and adds to the graph they are working on for that month. The MOD reports the temperature to one tenth of a degree. Students discuss rounding the temperature, decimals, mixed numbers and whatever weather topic is relevant that day. The class will also discuss the differences between our weather and the weather for the city of the day as well as the trends and patterns on the graphs that they create. After the first week of this project, students understand the process, create the reports and drive the discussion. It is a responsibility and job they look forward to because they are in control and can become a real meteorologist for a day.

9. **Integration:** WeatherBug makes it possible for lessons to be not only participatory and interactive but it allows students to have a hands-on experience with real time data. This data is relevant and applicable in almost every area of the curriculum because students are working with numbers, interpreting data, writing reports, looking at trends across the country and making all types of real life connections to the weather and the world around them.
10. **Reflection:** Mrs. Fitzgerald took this new tool our district purchased and made it her own. Students were given ownership of this project and they love the opportunity to become the teacher in this segment of their day. This project became much more valuable than even Mrs. Fitzgerald ever imagined.